

## Analysis of Arizona Stanford 9 Test Results Spring 2002

Arizona public school students first began taking the Stanford Achievement Test, Ninth Edition (Stanford 9) in the spring of 1997. The 2002 statewide analysis of Stanford 9 results is an appropriate benchmark to review Arizona's academic gains over the past five years. In addition, the analysis includes a comparison to 2001 results. During the past five years, Arizona students have accomplished significant academic gains in Mathematics and Language Arts. In Mathematics, students in Grades 3-7 gained at least 10 percentile ranks. Third grade students posted the most improvement with an advance of 15 percentile ranks since 1997. Third grade students also had impressive gains in Language Arts (12 percentile ranks). The remaining grade levels progressed 5-9 percentile ranks.

The results also indicate a need to strengthen Reading instruction. Over the past five years, Arizona students have made minimal improvement in Reading with an average gain across all grade levels of approximately three percentile ranks.

### *Stanford Achievement Test, Ninth Edition* Arizona Percentile Ranks by Grade and Year 1997, 2001, 2002

		GRADE								
		YEAR	2	3	4	5	6	7	8	9
READING		1997	---	44	52	50	52	52	54	43
		2001	53	50	55	51	54	53	55	43
		2002	57	50	55	53	56	55	56	43
		change from '97	n/a	6	3	3	4	3	2	0
		change from '01	4	0	0	2	2	2	1	0

		GRADE								
		YEAR	2	3	4	5	6	7	8	9
MATH		1997	---	41	48	47	54	50	50	54
		2001	57	54	57	57	63	58	58	61
		2002	61	56	58	59	65	60	59	62
		change from '97	n/a	15	10	12	11	10	9	8
		change from '01	4	2	1	2	2	2	1	1

		GRADE								
		YEAR	2	3	4	5	6	7	8	9
LANGUAGE		1997	---	45	45	40	40	49	45	37
		2001	44	56	50	45	45	55	50	41
		2002	48	57	50	47	47	58	52	42
		change from '97	n/a	12	5	7	7	9	7	5
		change from '01	4	1	0	2	2	3	2	1

Total number of students tested: approximately 470,000

Compared to 2001 results, students showed annual improvements or remained stable in every grade level and subject area tested. These gains are generally consistent with past years.

The Spring 2002 Stanford 9 results will be used to calculate the Measure of Academic Progress (MAP). MAP indicates whether students achieve “one-year’s academic growth” and is included in the school classification formula. The school classifications are the cornerstone of the Arizona LEARNS school accountability system.

#### Disaggregation of English Language Learners According to Proposition 203

In accordance with Proposition 203, the percentile rank scores for students identified as English Language Learners (ELL) are disaggregated and available on the Arizona Department of Education (ADE) website: [www.ade.az.gov](http://www.ade.az.gov). The percentile rank scores for ELLs are labeled as “Category 2”.<sup>1</sup> In addition, the ADE distributed the percentile rank scores for individual students to school districts/charter holders to be distributed to parents confidentially.

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<sup>1</sup> The Category 1 results are presented in the statewide analysis and are comparable to Stanford 9 results from previous years. These results should be used for any longitudinal or trend analysis.